



01-15-04

Practitioner's Docket No. 1004-021C2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Barz et al.

Application No.: 10/603,674

Group No.: 3612

Filed: 06/25/2003

Examiner: Unknown

For: STRUCTURAL REINFORCEMENT SYSTEM FOR AUTOMOTIVE VEHICLES

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

INFORMATION DISCLOSURE STATEMENT

Applicants submit this statement in accordance with their duty of disclosure under 37 CFR 1.56 and 1.97-1.98. The submission made herewith is in no way intended as an admission that the cited items constitute material prior art or otherwise would render the claims unpatentable in any way. The submission also is in no way intended to substitute for the Examiner's own independent investigation.

Copies of certain references together with a listing on forms PTO/SB/08A and PTO/SB/08B are submitted herewith. Copies of the remaining references have not

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Signature

Roni L. Masquelier
(type or print name of person certifying)

been provided due to their presence in the parent application to this application. Applicants respectfully solicit the Examiner's consideration of the cited references and entry thereof into the record of this application.

This Information Disclosure Statement is being submitted prior to the mailing of a first Office Action or Notice of Allowance. No fees are believed to be due, however, if any fee is due with the filing of this paper please charge the amount to deposit account 50-1097.

Date: 1 - 15 - 04



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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty. Docket Number:

1001-021C2

Serial Number:

10/603,674

LIST OF PRIOR ART CITED BY APPLICANT
IN AN APPLICATION
(Use separate sheets if necessary)

JAN 15 2004

PATENT & TRADEMARK OFFICE

Applicant(s): Barz et al.

Filing Date:

June 25, 2003

Group:

3612

U.S. PATENT DOCUMENTS

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,054,636	09/18/1962	Wessells III			
	3,123,170	03/03/1964	Bryant			
	3,493,257	02/03/1970	Fitzgerald et al.			
	3,665,968	05/30/1972	DePutter			
	3,746,387	07/17/1973	Schwenk			
	3,757,559	09/11/1973	Welsh			
	3,890,108	06/17/1975	Welsh			
	4,019,301	04/26/1977	Fox			
	4,082,825	04/04/1978	Puterbaugh			
	4,090,734	05/23/1978	Inami et al.			
	4,238,540	12/09/1980	Yates et al.			
	4,378,395	03/29/1983	Asoshina et al.			
	4,397,490	08/09/1983	Evans et al.			
	4,440,434	04/03/1984	Celli			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	628,863	03/28/1947	U.K.			<input type="checkbox"/> <input checked="" type="checkbox"/>
	DE2919046	05/11/1979	Germany			<input type="checkbox"/> <input checked="" type="checkbox"/>
	8028960	09/08/1980	U.K.			<input type="checkbox"/> <input checked="" type="checkbox"/>
	82102135.9	03/16/1982	Europe			<input type="checkbox"/> <input checked="" type="checkbox"/>
	8725028	10/26/1987	U.K.			<input type="checkbox"/> <input checked="" type="checkbox"/>
	PCT/JP88/00029	01/14/1988	PCT			<input type="checkbox"/> <input checked="" type="checkbox"/>
	64-69309	03/15/1989	Japan			<input type="checkbox"/> <input checked="" type="checkbox"/>
	64-69308	03/15/1989	Japan			<input type="checkbox"/> <input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Co-pending Application Serial No. 09/631,211; filed August 3, 2000

EXAMINER

DATE CONSIDERED:

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket Number: 1001-021C2	Serial Number: 10/603,674				
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <small>(Use several sheets if necessary)</small>		Applicant(s): Barz et al.					
JAN 15 2004		Filing Date: June 25, 2003	Group: 3612				
U.S. PATENT DOCUMENTS							
*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4,457,555	07/03/1984	Draper				
	4,559,274	12/17/1985	Kloppe et al.				
	4,610,836	09/09/1986	Wycech				
	4,613,177	09/23/1986	Loren et al.				
	4,705,716	11/10/1987	Tang				
	4,732,806	03/22/1988	Wycech				
	4,751,249	06/14/1988	Wycech				
	4,762,352	08/09/1988	Enomoto				
	4,803,108	02/07/1989	Leuchten et al.				
	4,836,516	06/06/1989	Wycech				
	4,853,270	08/01/1989	Wycech				
	4,861,097	08/29/1989	Wycech				
	4,898,630	02/06/1990	Kitoh et al.				
	4,901,500	02/20/1990	Wycech				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	90202150.0	08/08/1990	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	2-206537	08/16/1990	Japan			<input type="checkbox"/>	<input type="checkbox"/>
	G9011147.8	09/24/1990	Germany			<input type="checkbox"/>	<input type="checkbox"/>
	91104546.6	03/22/1991	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	PCT/AU92/00468	09/03/1992	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	5-38992	02/19/1993	Japan			<input type="checkbox"/>	<input type="checkbox"/>
	94101343.5	01/29/1994	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	G9320333.0	06/21/1994	Germany			<input type="checkbox"/>	<input type="checkbox"/>
	95913082.4	03/10/1995	Europe			<input type="checkbox"/>	<input type="checkbox"/>
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U.S. PATENT DOCUMENTS

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,908,930	03/20/1990	Wycech			
	4,917,435	04/17/1990	Bonnett et al.			
	4,922,596	05/08/1990	Wycech			
	4,923,902	05/08/1990	Wycech			
	4,978,562	12/18/1990	Wycech			
	4,989,913	02/05/1991	Moore, III			
	4,995,545	02/26/1991	Wycech			
	5,102,188	04/07/1992	Yamane			
	5,122,398	06/16/1992	Seiler et al.			
	5,124,186	06/23/1992	Wycech			
	5,213,391	05/25/1993	Takagi			
	5,255,487	10/26/1993	Wieting et al.			
	5,266,133	11/30/1993	Hanley et al.			
	5,344,208	09/06/1994	Bien et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	PCT/EP95/00896	03/10/1995	PCT			<input type="checkbox"/> <input type="checkbox"/>
	PCT/US95/05749	05/08/1995	PCT			<input type="checkbox"/> <input type="checkbox"/>
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	PCT/US97/10693	06/25/1997	PCT			<input type="checkbox"/> <input type="checkbox"/>
	PCT/US97/19981	11/14/1997	PCT			<input type="checkbox"/> <input type="checkbox"/>
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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JAN 15 2004
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*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,373,027	12/13/1994	Hanley et al.			
	5,395,135	03/07/1995	Lim et al.			
	5,506,025	04/09/1996	Otto et al.			
	5,560,672	10/01/1996	Lim et al.			
	5,575,526	11/19/1996	Wycech			
	5,580,120	12/03/1996	Nees et al.			
	5,642,914	07/01/1997	Takabatake			
	5,648,401	07/15/1997	Czaplicki et al.			
	5,649,400	07/22/1997	Miwa			
	5,652,039	07/29/1997	Tremain et al.			
	5,707,098	01/13/1998	Uchida et al.			
	5,725,272	03/10/1998	Jones			
	5,731,069	03/24/1998	Delle Donne et al.			
	5,755,486	05/26/1998	Wycech			

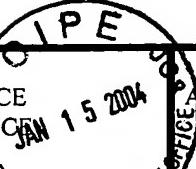
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	EP 0 891 918 A1	01/20/1999	Europe			<input type="checkbox"/> <input type="checkbox"/>
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	PCT/US99/01865	02/09/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
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	PCT/US99/04279	03/29/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,766,719	06/16/1998	Rimkus			
	5,785,376	07/28/1998	Nees et al.			
	5,786,394	07/28/1998	Slaven			
	5,803,533	09/08/1998	Schulz et al.			
	5,804,608	09/08/1998	Nakazato et al.			
	5,806,915	09/15/1998	Takabatake			
	5,806,919	09/15/1998	Davies			
	5,855,094	01/05/1999	Baudisch et al.			
	5,866,052	02/02/1999	Muramatsu			
	5,884,960	03/23/1999	Wycech			
	5,885,688	03/23/1999	McLaughlin			
	5,888,600	03/30/1999	Wycech			
	5,888,642	03/30/1999	Meteer et al.			
	5,901,528	05/11/1999	Richardson			

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	PCT/US99/10441	05/18/1999	PCT			<input type="checkbox"/> <input checked="" type="checkbox"/>
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U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JAN 15 2004 C8	5,904,024	05/18/1999	Miwa			
	5,932,680	08/03/1999	Heider			
	5,934,737	08/10/1999	Abouzahr			
	5,941,597	08/24/1999	Horiuchi et al.			
	5,984,389	11/16/1999	Nuber			
	5,985,435	11/16/1999	Czaplicki et al.			
	5,988,734	11/23/1999	Longo et al.			
	5,992,923	11/30/1999	Wycech			
	5,994,422	11/30/1999	Born et al.			
	6,003,274	12/21/1999	Wycech			
	6,004,425	12/21/1999	Born et al.			
	6,022,066	02/08/2000	Tremblay et al.			
	6,033,300	03/07/2000	Schneider			
	6,050,630	04/18/2000	Hochet			
	6,058,673	05/09/2000	Wycech			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	PCT/US99/18832	09/02/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	PCT/EP99/07143	09/25/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>
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	PCT/EP99/09541	12/02/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>
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U.S. PATENT DOCUMENTS							
SEARCHED	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
JAN 15 2004	6,059,342	05/09/2000	Kawai et al.				
	6,068,424	05/30/2000	Wycech				
	6,077,884	06/20/2000	Hess et al.				
	6,079,180	06/27/2000	Wycech				
	6,082,811	07/04/2000	Yoshida				
	6,090,232	07/18/2000	Seeliger et al.				
	6,092,864	07/25/2000	Wycech et al.				
	6,094,798	08/01/2000	Seeliger et al.				
	6,096,403	08/01/2000	Wycech et al.				
	6,096,791	08/01/2000	Born et al.				
	6,099,948	08/08/2000	Paver, Jr.				
	6,102,379	08/15/2000	Ponslet et al.				
	6,102,473	08/15/2000	Steininger et al.				
	6,103,341	08/15/2000	Barz et al.				
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DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
6,103,784	08/15/2000	Hilborn et al.				
6,110,982	08/29/2000	Russick et al.				
6,129,410	10/10/2000	Kosaraju et al.				
6,131,897	10/17/2000	Barz et al.				
6,135,542	10/24/2000	Emmelmann et al.				
6,149,227	11/21/2000	Wycech				
6,150,428	11/21/2000	Hanley, IV et al.				
6,152,260	11/28/2000	Eipper et al.				
6,153,709	11/28/2000	Xiao et al.				
6,165,588	12/26/2000	Wycech				
6,168,226	01/02/2001	Wycech				
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 3

Complete if Known

Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William Barz
Group Art Unit	3612
Examiner Name	Unknown

Attorney Docket Number 1001-021C2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		1,814,677		A. Fennema	05/03/1930	
		3,649,375		P.S. Venkatesan	01/26/1970	
		4,029,128		Yamagishi	06/14/1977	
		4,083,384		Horne et al.	04/11/1978	
		4,463,870		Coburn, Jr. et al.	08/07/1984	
		4,695,343		Wycech	09/22/1987	
		4,769,391		Wycech	09/06/1988	
		4,813,690		Coburn, Jr.	03/21/1989	
		4,901,395		Semrau	02/20/1990	
		4,946,737		Lindeman et al.	08/07/1990	
		4,984,406		Friesen	01/15/1991	
		5,040,803		Cieslik et al.	08/20/1991	
		5,072,952		Irrgeher et al.	12/17/1991	
		5,358,397		Ligon et al.	10/25/1994	
		5,382,397		Turner, Jr.	01/17/1995	
		5,577,784		Nelson	11/26/1996	
		5,851,626		McCorry et al.	12/22/1998	
		5,871,849		Lepine	02/16/1999	
		5,878,784		Sales et al.	03/09/1999	
		5,901,752		Lundman	05/11/1999	

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		2 539 693		Regie Nat. Des Usi	01/25/1983		
		GB 2 156 412 A		BKL Extrusions	10/09/1985		
		WO 87/01978		Gesenkschmiede Sch	04/09/1987		
		DE 3627725 A1		Daimler-Benz AG	02/25/1988		
		EP 0 679 501 A1		Ymos Aktiengesells	11/02/1995		
		DE 196 35 734 A1		Ebbinghaus, Alfred	04/03/1997		
		WO 01/57130		Denovus LLC	08/09/2001		
		WO 01/54936		Sika Corporation	08/02/2001		
		WO 01/56845		Sika Corporation	08/09/2001		
		WO 01/71225		Sika Corporation	09/27/2001		

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Sheet

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Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William Barz
Group Art Unit	3612
Examiner Name	Unknown

Attorney Docket Number 1001-021C2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,902,656		Hwang	05/11/1999	
		6,006,484		Geissbuhler	12/28/1999	
		6,053,210		Chapman et al.	04/25/2000	
		6,146,565		Keller	11/14/2000	
		6,174,932		Pachl et al.	01/16/2001	
		6,189,953		Wycech	02/20/2001	
		6,196,621		VanAssche et al.	03/06/2001	
		6,199,940		Hopton et al.	03/13/2001	
		6,247,287		Takabatake	06/19/2001	
		6,253,524		Hopton et al.	07/03/2001	
		6,263,635		Czaplicki	07/24/2001	
		6,277,898		Pachl et al.	08/21/2001	
		6,281,260		Hanley, IV et al.	08/28/2001	
		6,296,298		Barz	10/02/2001	
		6,305,136		Hopton et al.	10/23/2001	
		6,315,938		Jandali	11/13/2001	
		6,319,964		Blank et al.	11/20/2001	
		6,311,452		Barz et al.	11/06/2001	
		6,321,793		Czaplicki et al.	11/27/2001	
		6,197,403		Brown et al.	03/06/2001	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		EP 0 775 721 A1		Mitsubishi Jidosha	05/28/1997		
		DE 196 48 164A1		Wilhelm Karmann	05/28/1998		
		DE 299 04 705U1		Mannesmann AG	07/29/1999		
		WO 99/28575		Sika AG	06/10/1999		
		DE 197 53 658A1		Fraunhofer-Gesells	06/17/1999		
		WO 00/03894		Cascade Engineerin	01/27/2000		
		WO 01/83206		Sika Corporation	11/08/2001		
		DE 196 44 047 A1		Bayerische Motoren Werke AG	05/07/1998		
		WO 99/48746		Moller Plast GmbH	09/30/1999		
		2001191947		Hond Motor Co Ltd	07/17/2001		

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Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William Barz
Group Art Unit	3612
Examiner Name	Unknown

Attorney Docket Number 1001-021C2

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6,232,433	Narayan	05/15/2001	
		6,233,826	Wycech	05/22/2001	
		6,237,304	Wycech	05/29/2001	
		6,270,600	Wycech	08/07/2001	
		6,272,809	Wycech	08/14/2001	
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		6,287,666	Wycech	09/11/2001	
		5,894,071	Merz et al.	04/13/1999	
		3,868,796	Bush	03/04/1975	
		6,341,467	Wycech	01/29/2002	
		6,303,672	Papalos et al.	10/16/2001	
		6,332,731	Wycech	12/25/2001	
		6,348,513	Hilborn et al.	02/19/2002	
		5,819,408	Catlin	10/13/1998	
		6,372,334	Wycech	04/16/2002	
		6,382,635	Fitzgerald	05/07/2002	
		6,389,775	Steiner et al.	05/21/2002	
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		0 236 291		Austria Metall Aktiengesellschaft	09/09/1987		
		WO 98/36944		Raychem Corporation	08/27/1998		
		WO 00/55444		L&L Products, Inc.	09/21/2000		
		WO 00/37302		Adam Opel AG	06/29/2000		X
		DE 198 56 255 C1		Moller Plast GmbH	01/20/2000		X
		DE 198 12 288 C1		Moller Plast GmbH	05/27/1999		X
		FR 2 749 263		Renault Societe	12/05/1997		X
		EP 0 893 332 B1		Henkel Corporation	01/27/1999		
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Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William J. Barz
Group Art Unit	3612
Examiner Name	Unknown

Attorney Docket Number 1001-021C2

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U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
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	4,822,011	Goldbach et al.		04/18/1989		
	6,455,146	Fitzgerald		09/24/2002		
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	6,482,486	Czaplicki et al.		11/19/2002		
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		Office ³	Number ⁴				
		JP	02001191949A	Neoex Lab	07/17/2001		
		EP	1 122 156 A2	Sika	08/08/2001		
		WO	01/88033	Sika Corporation	11/22/2001		
		GB	2 083 162 A	Energy Absorption Systems, Inc.	03/17/1982		
		GB	2 325 509 A	Daimler-Benz AG	11/25/1998		
		DE	19858903 A1	Adam Opel AG	06/21/2000		
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		JP	61118211	Toyota Motor Corp.	06/05/1986		
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Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William J. Barz
Art Unit	3612
Examiner Name	Unknown

Attorney Docket Number 1001-021C2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,378,933	04/30/2002	Schoen et al.	
		US- 6,383,610	05/07/2002	Barz et al.	
		US- 6,419,305	07/16/2002	Larsen	
		US- 6,422,575	07/23/2002	Czaplicki et al.	
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		US- 6,471,285	10/29/2002	Czaplicki et al.	
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		US- 6,607,238	08/19/2003	Barz	
		US- 6,619,727	09/16/2003	Barz et al.	
		US- 6,620,501	09/16/2003	Kassa et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 03/042024 A1	05/22/2003	L&L Products, Inc.		
		EP 1 006 022 A2	06/07/2000	Neo-Ex Lab, Inc.		
		EP 1 006 022 B1	09/24/2003	Nneo-Ex Lab, Inc.		
		EP 1 362 683 A2	11/19/2003	L&L Products, Inc.		
		EP 1 362 769 A1	11/19/2003	L&L Products, Inc.		

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 1 256 512 A2	11/13/2002	Adam Opel AG		
		DE 42 27 393 A1	03/04/1993	Volkswagen AG		
		JP 7-31569	06/13/1995			X
		JP 58-87668	06/14/1983	Nissan Jidousha Motors		X
		JP 7-117728	05/09/1995	Iida Sangyo KK		X

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Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William Barz
Group Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-021C2

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